



1998 Toxics Release Inventory

NEW JERSEY

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	15,805,084	8,344,821	24,149,905
Air Emissions	9,330,070	7,995,069	17,325,139
Surface Water Discharges	6,132,478	37,852	6,170,330
Underground Injection Class I Wells	2	0	2
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	71,759	0	71,759
Other On-site Land Releases	270,775	311,900	582,675
Off-site Releases (Transfers Off-site to Disposal)*	4,088,383	2,525,167	6,613,550
Total On- and Off-site Releases	19,893,467	10,869,988	30,763,455
Recycled On-site	86,428,952	8,211,938	94,640,890
Recycled Off-site	40,389,248	414,098	40,803,346
Energy Recovery On-site	205,384,100	0	205,384,100
Energy Recovery Off-site	25,742,415	22,307,863	48,050,278
Treated On-site	132,394,426	23,588,601	155,983,027
Treated Off-site**	27,467,724	674,430	28,142,154
Quantity Released On- and Off-site***	20,739,656	11,073,709	31,813,365
Total Production-related Waste Managed	538,546,521	66,270,639	604,817,160
Total Non-production-related Waste Managed	123,335	7,610	130,945

Transfers Off-site for Further Waste Management/Disposal

Recycling	40,941,350	411,462	41,352,812
Energy Recovery	24,959,975	22,349,439	47,309,414
Treatment	6,024,141	1,638,892	7,663,033
Publicly Owned Treatment Works (POTWs)	19,698,700	154,224	19,852,924
Metals and Metal Compounds*	47,427	831	48,258
Non-metal TRI Chemicals**	19,651,273	153,393	19,804,666
Other Off-site Transfers****	132,581	0	132,581
Off-site Transfers to Disposal (not including metals to POTWs)	4,106,901	2,529,308	6,636,209
Total Transfers Off-site for Further Waste Management/Disposal	95,863,648	27,083,325	122,946,973

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact:

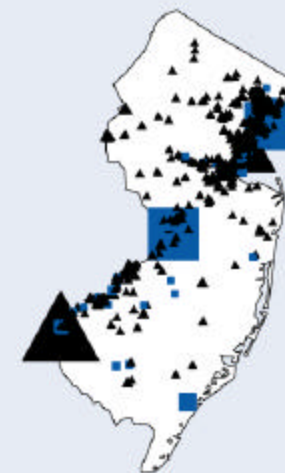
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To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

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■ New industry ▲ Original industry

The largest marker in the state map represents the largest facility for on-site releases in the state of New Jersey. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	8,115,011
Square Miles	7,419
Total Facilities	616
Total Forms	2,491
Form As	452

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	33	39	37
Pounds	19,893,467	10,869,988	30,763,455
National Rank for Total On-site Releases**			
Rank	34	40	38
Pounds	15,805,084	8,344,821	24,149,905
National Rank for Total Releases within State***			
Rank	33	40	38
Pounds	19,276,009	8,567,426	27,843,435
National Rank for Production-related Waste Managed			
Rank	16	22	19
Pounds	538,546,521	66,270,639	604,817,160

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



1998 Toxics Release Inventory

NEW JERSEY

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Nitrate compounds	3,403	5,535,414	0	2,312	0	5,541,129	2,154	0	0
—	Zinc compounds	13,278	12,442	0	36,284	1,858,023	1,920,027	62,639	1,326,977	531,647
1330-20-7	Xylene (mixed isomers)	1,111,038	1,201	0	588	129,517	1,242,344	755	105,841	23,676
108-88-3	Toluene	1,100,979	571	0	131	12,782	1,114,463	55,198	7,025	5,757
7664-41-7	Ammonia	586,071	205,476	0	1,571	27,415	820,533	159,932	18,626	8,789
7664-93-9	Sulfuric acid	766,870	0	0	0	18,100	784,970	0	18,100	0
67-56-1	Methanol	728,093	4	0	0	10,076	738,173	4,891	0	10,076
—	Lead compounds	7,123	290	0	13,527	530,984	551,924	63,021	418,576	112,408
—	Glycol ethers	474,599	28	0	0	59,346	533,973	254	49,750	9,596
78-93-3	Methyl ethyl ketone	454,494	3,342	0	396	25,820	484,052	325,267	25,816	4

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	6,094,571	0	0	0	0	6,094,571	0	0	0
1332-21-4	Asbestos (friable)	0	0	0	0	1,987,020	1,987,020	0	0	1,987,020
7664-93-9	Sulfuric acid	798,428	0	0	0	0	798,428	0	0	0
—	Zinc compounds	50,766	28,513	0	41,000	134,411	254,690	5,978	121,411	13,000
7664-41-7	Ammonia	221,377	3,000	0	5,900	0	230,277	0	0	0
1634-04-4	Methyl tert-butyl ether	200,565	48	0	0	2,751	203,364	340	1,884	867
7664-39-3	Hydrogen fluoride	190,872	0	0	0	0	190,872	0	0	0
—	Barium compounds	3,197	525	0	120,000	39,910	163,632	36,650	1,906	38,004
—	Lead compounds	470	293	0	25,000	108,974	134,737	1,490	1,219	108,805
110-54-3	n-Hexane	98,532	12	0	0	930	99,474	35	368	567

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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NEW JERSEY

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Du Pont Chambers Works, Deepwater, Salem	257,234	3,615,391	0	0	55,880	0	3,928,505	372	427,710
Bayway Refining Co., Linden, Union	420,056	2,105,959	0	0	0	0	2,526,015	0	2,186
Ford Edison Assembly Plant, Edison, Middlesex	869,306	0	0	0	0	0	869,306	5,501	6,939
Aluminum Shapes L.L.C., Delair, Camden	851,311	0	0	0	0	0	851,311	0	0
GMTG — Linden Assembly, Linden, Union	381,812	0	0	0	0	0	381,812	3,166	29,860
Coastal Eagle Point Oil Co., Westville, Gloucester	325,233	9,671	0	0	0	0	334,904	14,874	3,262
Mallinckrodt Baker Inc., Phillipsburg, Warren	71,646	258,792	0	0	0	0	330,438	0	25
Degussa Corp. Metal Group, South Plainfield, Middlesex	262,162	0	0	0	0	0	262,162	93	0
Roche Vitamins Inc., Belvidere, Warren	238,714	4,392	0	0	0	0	243,106	0	139
American Natl. Can Co. Piscataway NJ Facility, Piscataway, Middlesex	217,140	0	0	0	0	0	217,140	51	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Mercer Generating Station, Hamilton Township, Mercer	3,200,330	2,000	0	0	0	0	3,202,330	0	0
Hudson Generating Station, Jersey City, Hudson	2,567,990	6,000	0	0	0	311,900	2,885,890	443	0
B. L. England Generating Station, Beesleys Point, Cape May	752,464	28,314	0	0	0	0	780,778	130,040	0
Deepwater Generating Station, Pennsville, Salem	484,714	0	0	0	0	0	484,714	0	34,149
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	155,836	0	0	0	0	0	155,836	0	0
Natl. Refrigerants Inc., Rosenhayn, Cumberland	112,079	0	0	0	0	0	112,079	0	0
Motiva Sewaren Terminal, Sewaren, Middlesex	85,215	23	0	0	0	0	85,238	1,057	195
Vineland Municipal Electric Utility H M Down Station, Vineland, Cumberland	83,010	5	0	0	0	0	83,015	255	13,000
Cogen Tech. Nologies NJ Venture L.P., Bayonne, Hudson	78,278	0	0	0	0	0	78,278	0	0
Carney's Point Generating Plant, Carneys Point, Salem	72,881	0	0	0	0	0	72,881	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1998 Toxics Release Inventory

NEW JERSEY

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Chambers Works, Deepwater, Salem	0	1,580,941	0	42,587	27,109,439	3,224,496	4,357,549	36,315,012	2,698
Bayway Refining Co., Linden, Union	9,540	7,400	0	0	13,373,200	15	2,526,630	15,916,785	998
Penick Corp., Newark, Essex	36,698,049	0	0	0	0	1,997,407	2,027,281	40,722,737	50
Ford Edison Assembly Plant, Edison, Middlesex	0	511,112	0	27,521	320,000	10,564	870,602	1,739,799	0
Aluminum Shapes L.L.C., Delair, Camden	62,922	0	0	15,222	1,051,303	15,222	758,611	1,903,280	0
GMTG — Linden Assembly, Linden, Union	0	185,300	0	39,176	74,058	6,500	487,131	792,165	0
Coastal Eagle Point Oil Co., Westville, Gloucester	0	0	68,456,000	42,632	1,157,980	10,458	336,180	70,003,250	809
Degussa Corp. Metal Group, South Plainfield, Middlesex	194,200	75,724	0	0	529,183	3,429,093	262,189	4,490,389	0
Roche Vitamins Inc., Belvidere, Warren	0	0	0	0	190,413	0	259,227	449,640	1
Apache Prods. Co., Linden, Union	0	0	0	0	63,928	0	244,181	308,109	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	69,000	0	3,201,650	3,270,650	0
Hudson Generating Station, Jersey City, Hudson	0	14,500	0	0	71,000	0	2,883,000	2,968,500	0
S&W Waste Inc., South Kearny, Hudson	0	34,404	0	1,267,000	172,180	436,515	2,196,200	4,106,299	0
B. L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	1,000,253	0	910,817	1,911,070	1
Deepwater Generating Station, Pennsville, Salem	0	0	0	0	59,124	0	518,863	577,987	0
Safety-Kleen (Bridgeport) Inc., Bridgeport, Gloucester	0	0	0	0	19,661,500	0	236,823	19,898,323	0
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	0	0	0	0	0	0	155,358	155,358	0
Natl. Refrigerants Inc., Rosenhayn, Cumberland	0	0	0	0	0	0	109,055	109,055	3,024
Vineland Municipal Electric Utility H M Down Station, Vineland, Cumberland	0	0	0	0	0	12	95,857	95,869	4
Motiva Sewaren Terminal, Sewaren, Middlesex	0	2,001	0	171	348	5,217	93,879	101,616	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.